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(54) **SELF-ALIGNING MULTI-PART CAMERA SYSTEM**

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A multi-part electronic device has a mode with at least two overlapped device parts comprising a first camera part mounted on a first device part and a second camera part mounted on a second device part. At least one of the first and second camera parts is resiliently mounted such that contact between the first and second camera parts when the first device part and the second device part are overlapped with each other aligns the first camera part and the second camera part within a selected angular deviation between the camera parts' respective optical axes. A camera part having a body and a flexible mount and a method of reducing tilt error are also described.

20 Claims, 9 Drawing Sheets

